Section 2. Form PTO - 1449 (Modified) (ATTACHMENT)

FORM PTO-1449 U.S. DEPT. OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. QIL-5	SERIAL NO. 10/074,493
	APPLICANT Ledentsov et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE 2/12/2002	GROUP 2828

U.S. PATENT DOCUMENTS

Exam Initial		DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUB	FILING DATE IF APPROPR

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam Initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION YES | NO

OTHER PRIOR ART

Exam Initial		Author, Title, Date, Pertinent Pages, Etc
CH		N.N. Ledentsov and V.A. Shchukin. "Novel concepts for Injection Lasers" Opt. Eng. Vol. 41, No. 12, 2002, pg. 3193-3203.
		"Materials and Devices For Optical and Wireless Communications (APOC02) - Conferences - APOC 2002" The International Society for Optical Engineering, October 2002 http://spie.org/Conferences/Programs/02/apoc/conferences/index.cfm?fuseaction=4905
		N.N. Ledentsov and V.A. Shchukin. "Novel to Approaches to Semiconductor Lasers" Proceedings of SPIE, vol. 4905, 2002, pg. 222-234
		IOP Select, Collected Articles from the Institute of Physics 2004 http://www.IOP.org/Select
		N N Ledentsov, et al. "Wavelength-stabilized tilted cavity quantum dot laser" Semicond. Sci. Technol. 19 No 10 (October 2004) 1183-1188
		"ETOS 2004" Emerging Technologies in Optical Sciences: Shaping the future of Communications, July 2004 http://www.physics.ucc.ie/ETOS/Speakers.html
		Ledentsov, Nikolai, "The Tilted Cavity Laser" Emerging Technologies in Optical Sciences: Shaping the future of Communications, ETOS 2004, July 26-29, University College Cork.
		"Nanomodeling - Conferences - SPIE Annual Meeting 2004-Programs-Conferences-SPIE web" The International Society for Optical Engineering http://spie.org/Conferences/Programs/04/am/conferences/index.cfm?fuseaction=5509
		V.A. Shchukin et al. "Tilted Cavity Laser" Nanomodeling, Proceedings of SPIE, Vol. 5509, pg. 61-71, 2004
		Physics and Simulation of Optoelectronic Devices XIII, Conference 5722, Proceedings of SPIE, Vol. 5722, January 2005
		N N Ledentsov, et al. "Edge and Surface Emitting tilted Cavity Lasers" to be presented at January 2005 conference
		Compound Semiconductor Manufactures EXPO, Compound Semiconductor Week 2004, October 2004.
CH		N N Ledentsov, et al. "Tilted cavity lasers Based on Quantum Dots or Quantum Wells", Extended abstract of Compound Semiconductor conference, October 2004

EXAMINER	DATE CONSIDERED 7/20/05

DT10 Rec'd PCT/PTO 24 SEP 2004

PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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		Application Number	10/074,493
		Filing Date	2/12/2002
		First Named Inventor	Ledenstsov et al.
		Art Unit	2828
		Examiner Name	Cornelius Jackson
Total Number of Pages in This Submission	6	Attorney Docket Number	QIL-5

ENCLOSURES (Check all that apply)

- [x] Fee Transmittal Form
  - [x] Fee Attached
- [ ] Amendment/Reply
  - [ ] After Final
  - [ ] Affidavits/declaration(s)
- [ ] Extension of Time Request
- [ ] Express Abandonment Request
- [x] Information Disclosure Statement
- [ ] Certified Copy of Priority Document(s)
- [ ] Response to Missing Parts/ Incomplete Application
  - [ ] Response to Missing Parts under 37 CFR 1.52 or 1.53
- [ ] Drawing(s)
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- [ ] Petition
- [ ] Petition to Convert to a Provisional Application
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- [ ] Terminal Disclaimer
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- [ ] After Allowance communication to Technology Center (TC)
- [ ] Appeal Communication to Board of Appeals and Interferences
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- [x] Other Enclosure(s) (please Identify below):

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1 reference

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Brown & Michaels PC
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OTHER PRIOR ART

Exam Initial		Author, Title, Date, Pertinent Pages, Etc
CHL		Yariv, Amnon and Yeh, Pochi, "Optical Waves in Crystals" A Wiley-Interscience Publication; John Wiley & Sons, 1984, pages 155-219.

EXAMINER C. Ho	DATE CONSIDERED 4/20/05

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CHV		EP 0 342 953	11/23/1989	EPO			

OTHER PRIOR ART

Exam Initial		Author, Title, Date, Pertinent Pages, Etc
CHV		Pezeshki B et al., "Multiple Wavelength Light Source using an Asymmetric Waveguide Coupler," Applied Physics Letters, American Institute of Physics. New York, US, vol. 65, no. 2, 11 July 1994 (1994-07-11), pages 138-140.
CHV		Pezeshki B. et al., "A Gratingless Wavelength Stabilized Semiconductor Laser," Applied Physics Letters, American Institute of Physics. New York, US, vol. 69, no. 19, 4 November 1996 (1996-11-04), pages 2807-2809.
CHV		Bardia Pezeshki et al., "Vertical Cavity Devices as Wavelength Selective Waveguides," Journal of Lightwave Technology, IEEE. New York, US, vol. 12, no. 10, 1 October 1994 (1994-10-01), pages 1791-1801.

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